

IN THE CLAIMS:

1. (currently amended) A radiator mechanism comprising:
a circuit board, including a front surface and a back surface, on which an exoergic part is to be mounted, said circuit board including a through hole; and
a heat pipe including a first portion disposed on the front surface and a second portion disposed on the back surface and connected to the first portion using the through hole, disposed between said front surface and said back surface of said circuit board, via said through hole.
wherein the first portion is connected to the exoergic part.
2. (currently amended) The radiator mechanism according to claim 1, wherein ~~at least a~~ the first portion of the heat pipe runs parallel to the front surface and the second portion of the heat pipe runs parallel to the back surface.
3. (currently amended) The radiator mechanism according to claim 1, further comprising a heat sink that comprises a cooling fin mounted on the front surface of the circuit board and a cooling fan disposed above the through hole.
4. (currently amended) The radiator mechanism according to claim 3, wherein the cooling fan rotates around an axis perpendicular to said front surface of said circuit board, and absorbs air from said back surface of said circuit board.
5. (currently amended) The radiator mechanism according to claim 4, wherein the cooling fan exhausts the air in a direction parallel to said front surface of said circuit board, whereby the air flows over said heat sink.

6. (previously amended) The radiator mechanism according to claim 5, wherein the cooling fan and the heat sink are comprised in a fan-cum-heat sink unit.

7. (previously amended) The radiator mechanism according to claim 5, wherein at least a portion of the heat pipe runs parallel to the front surface and to the back surface.

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8. (currently amended) A radiator mechanism comprising:
a printed circuit board, including a through hole;
a ventilation fan having ~~rotating around~~ a rotation axis intersecting ~~the printed circuit board at said through hole~~ in the printed circuit board;
a housing wall standing from a surface of the printed circuit board at a periphery of the ventilation fan; and
an outlet defined in the housing wall,
wherein said ventilation fan is attached on ~~held by~~ said housing.

9. (previously amended) The radiator mechanism according to claim 8, wherein the ventilation fan is a centrifugal fan.

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10. (new) The radiator mechanism according to claim 8, wherein the centrifugal fan comprises blades fixed to the rotation axis and extending in parallel with the rotation axis.